

**COMBINED  
DECLARATION  
FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)  
AND  
POWER OF ATTORNEY  
FOR UTILITY OR DESIGN PATENT APPLICATION**

- DECLARATION SUBMITTED WITH INITIAL FILING**  
**OR**  
 **DECLARATION SUBMITTED AFTER INITIAL FILING (surcharge 37 C.F.R. 1.16(e) required)**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe that I am an original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**FULLY ADAPTIVE EQUALIZATION FOR HIGH LOSS COMMUNICATIONS CHANNELS**

the specification of which:

- is attached hereto.  
**OR**  
 was filed on January 26, 2005 as International Application Serial No. PCT/CA2005/000078 and was amended on \_\_\_\_\_ (MM/DD/YYYY) (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing (MM/DD/YYYY)	Certified Copy Attached

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I hereby claim priority benefits under 35 U.S.C. § 119(e) of any United States provisional patent application(s) listed below.

Provisional Application Number(s)	Date of Filing (MM/DD/YYYY)
60/538,667	01/26/2004

I hereby claim the benefit of 35 U.S.C. § 120 of any United States patent application(s) listed below and, insofar as the subject matter of each of the claims of this application is now disclosed in the priority United States application in the manner provided in the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Serial Number	Date of Filing (MM/DD/YYYY)	STATUS (pending, patented or abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**POWER OF ATTORNEY**

Further, I, as the below named inventor, whose address is stated below next to my name, as owner of the application for United States Letters of Patent for:

**OPERATING FREQUENCY REDUCTION FOR TRANSVERSAL FIR FILTER**

do hereby appoint the registered practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with the Customer Number:

Customer No.	27220
Attention:	Daphne L. MARAVEI
Tel.:	613.788-2244
Fax:	613.788-2247

I, the undersigned, declare that I am the (an) owner of the above-identified application or, if the owner is a corporation, partnership or other association, I am authorized to make this appointment on behalf of the owner.

**INVENTORS' ADDRESSES AND SIGNATURES FOR DECLARATION AND POWER OF ATTORNEY**

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